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9 June 1958

MEMORANDUM FOR: Chief, Geographic Area, ORR

ATTENTION

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FROM : Chief, Guided Missile Division, OSI and
Chief, Guided Missile Branch, D/I, ORR

SUBJECT : Request for Study of Possible Soviet ICBM Locations

1. It is believed that a study by the Geographic Area, ORR, could prove extremely valuable in establishing optimum locations of Soviet ICBM launching sites. It is requested that a geographic study and series of maps be prepared using the following methodology:

a. Assume a list of critical targets in the U.S. (see Attachments A and B), which the USSR would probably wish to strike with ICBMs.

b. Using first Attachment A, then Attachment B, compute back trajectories from these targets to the Soviet Union, striking arcs which show the areas in the USSR from which each target could be hit with ICBMs of 3500, 4500, and 5500 n.m. ranges.

c. Utilizing these back trajectories for the above ranges, establish, insofar as possible, the general locations within the Soviet Union most favorable from the target coverage point of view for location of ICBM sites for each of the three selected ranges.

d. Prepare an accompanying text and suitable cartographic material.

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2. This project has been discussed informally with [REDACTED] and it is proposed that details of format and presentation be worked

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out informally as the project progresses. Questions arising as a result of this project should be referred to [REDACTED] extension 4291 or [REDACTED], extension 4753.

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